

**Customer No. 27061**  
Confirmation No. 5328

Patent  
Attorney Docket No. GEMS8081.221

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application : Hoffman et al.  
of

Serial No. : 10/711,329

Filed : September 10, 2004

For : METHOD AND SYSTEM OF DYNAMICALLY  
CONTROLLING SHAPING TIME OF A PHOTON  
COUNTING ENERGY-SENSITIVE RADIATION  
DETECTOR TO ACCOMMODATE VARIATIONS IN  
INCIDENT RADIATION FLUX LEVELS

Group Art No. : 2882

Examiner : Hoon K. Song

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**CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10**

I hereby certify that, on the date shown below, this correspondence is being:

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**37 CFR 1.8(a)**

**37 CFR 1.10**

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**Transmission**

- ☐ transmitted by facsimile to Fax No.: 571-273-8300 addressed to Examiner Cindy Nguyen at the Patent and Trademark Office.  
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Date: March 3, 2006

/Jessica A. Calaway/

Signature

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Commissioner for Patents  
P.O. Box 1450  
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**AMENDMENT/RESPONSE TO OFFICE ACTION**  
**MAILED JANUARY 26, 2006**

Dear Sir:

Responsive to the Office Action mailed January 26, 2006, please amend the Application as follows: